

Chemetall Oakite

ULTRAGLO 8810
(FULL DISCLOSURE)
MAGNETIC PARTICLE
(WATER DISPERSIBLE)

OAKITE PRODUCTS, INC.

A MEMBER OF THE CHEMETALL GROUP
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I. HAZARDOUS INGREDIENTS:

EXPOSURE LIMITS TO AIR

COMPONENT(S):	WT %	CAS NO.	ACGIH TLV	OSHA PEL
Iron Oxide Fe_3O_4	<10	1317-61-9	10 mg/m ³	10 mg/m ³
Borax	<80	1303-96-4	1 mg/m ³	10 mg/m ³
Sodium Carbonate	<5	497-19-8	ND	ND
Alcohol Alkoxylate	<5	52232-09-4	ND	ND
*Ethylene Glycol	<5	107-21-1	50 ppmC (vapor)	50 ppmC
Sodium Benzoate	<5	532-23-1	NA	NA
2,4,7,9-tetramethyl-5-decyne-4-7-diol	<5	126-86-3	NA	NA
Proprietary defoamer	<5	NA/Mixture	NA	NA
Sodium dioctyl sulfosuccinate	<10	1639-66-3	NA	NA

*Not listed as toxic Chemical on SARA TITLE III; Section 313, Toxic Chemical List; therefore, disclosure of weight percent information is not required.

II. PHYSICAL DATA:

MELTING POINT: ND	SPECIFIC GRAVITY: Powder
BOILING Point: ND	SOLUBILITY IN WATER: Appreciable
VAPOR PRESSURE (mm Hg): NA	EVAPORATION RATE (BuAc=1): NA
VAPOR DENSITY (Air=1): NA	PH: NA
ODOR: No characteristic odor.	APPEARANCE: Black and white coarse powder.
VOC (GM/L): 0	VAPOR PRESSURE OF VOC (MMHG): N/A

III. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: NA	METHOD USED: NA
AUTOIGNITION TEMPERATURE: 800°C	
FLAMMABLE LIMITS: UPPER: ND	LOWER: ND
EXTINGUISHING MEDIA: Dry Chemical. Alcohol resistant foam. CO ₂ . Water spray. Water fog.	

FIRE AND EXPLOSION HAZARDS:

None anticipated under conditions of normal use.

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SPECIAL FIRE FIGHTING PROCEDURES:

Wear self-contained breathing apparatus. Use water to keep fire-exposed containers cool and to flush spills away from fire. In the case of large fires also cool surrounding equipment and structures with water.

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IV. REACTIVITY:
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STABILITY: Stable

CONDITIONS TO AVOID: Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION: Will Not Occur

INCOMPATIBILITY:

Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Toxic fumes when heated to decomposition.

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V. ENVIRONMENTAL AND DISPOSAL INFORMATION:
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ACTION TO TAKE FOR SPILLS/LEAKS

CAUTION:

Use appropriate protective and safety equipment. See Section VIII of this Material Safety Data Sheet for handling precautions.

SMALL SPILL:

Sweep up spilled material and dispose of in DOT-approved waste containers.

LARGE SPILL:

Shovel spilled material into DOT-approved waste containers for disposal.

WASTE DISPOSAL INFORMATION:

Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

NOTE:

Comply with all applicable government regulations on spill reporting and handling and disposal of waste. Empty containers can have residues, gases, and mists, and are subject to proper waste disposal.

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VI. HEALTH HAZARD DATA:
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ROUTES OF ENTRY:

BREATHED:

Exposure to dust is irritating to the respiratory tract.

SKIN CONTACT:

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Frequent or prolonged contact may be irritating to the skin. Effects may be delayed.

SKIN ABSORPTION:

Components are unlikely to be absorbed through skin in harmful concentrations.

EYE CONTACT:

Dust may irritate eyes.

SWALLOWED:

Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of larger amounts may cause injury.

SYSTEMIC AND OTHER EFFECTS:

None.

MEDICAL CONDITIONS AGGRAVATED:

Preexisting skin and respiratory disorders may be aggravated by exposure to this product.

SUSPECTED CANCER AGENT:

FEDERAL OSHA
No

CA OSHA
No

NTP
No

IARC
No

TARGET ORGANS, OTHER THAN THOSE IMPLIED BY ROUTES OF ENTRY (I.E., BREATHED, INCLUDES RESPIRATORY TRACT AND LUNGS) ARE CAPITALIZED. CALIFORNIA ONLY: PROPOSITION 65

This product contains a chemical(s) known to the State of California to cause cancer or reproductive toxicity. These are trace amounts found in normal technical grade industrial materials and are not deliberately added to the product.

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VII. FIRST AID:
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BREATHED:

Remove victim to fresh air at once. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult, GET IMMEDIATE MEDICAL ATTENTION. Keep victim warm and at rest.

SKIN:

Wash skin immediately with lots of soap and water. If clothes and shoes are contaminated, remove and wash before reuse. Get medical attention if ill effect or irritation develops.

EYES:

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Wash eyes immediately with running water for at least 20 minutes. Use fingers to assure that eyelids are separated and that eye is being washed. Lift the lower and upper lid occasionally. GET IMMEDIATE MEDICAL ATTENTION. Particles may lodge themselves between eye and eyelid.

SWALLOWED:

DO NOT INDUCE VOMITING. If victim is conscious, give large amounts of water. Do not attempt to give fluids to unconscious victim. GET MEDICAL ATTENTION.

NOTE TO PHYSICIAN:

Supportive care: Treatment based on judgement of physician in response to reactions of patient.

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VIII. HANDLING PRECAUTIONS:
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VENTILATION:

Control airborne concentrations below exposure guidelines (Section I) with MECHANICAL VENTILATION, if necessary. Local explosion-proof EXHAUST VENTILATION may be necessary for some operations.

RESPIRATORY PROTECTION:

Atmospheric levels should be maintained below exposure guidelines. When respiratory protection is required for certain operations, use a MSHA/NIOSH approved filter type respirator used in accordance with the requirements of 29 CFR 1910.134. In confined or poorly ventilated areas or for emergency and other conditions where the exposure guidelines may be greatly exceeded, use an approved positive-pressure, self-contained breathing apparatus or air line supplied respirator.

EYE PROTECTION:

Contact lenses should not be used. Suggested protection is safety glasses, but where contact with liquid is likely, chemical goggles and face shields are recommended.

SKIN PROTECTION:

Impermeable gloves are recommended. When prolonged or frequently repeated contact could occur, use protective clothing. Selection of specific items such as boots, apron, or other body covering will depend on operation. Wash thoroughly after handling chemicals.

SPECIAL EQUIPMENT:

Suitable laboratory safety equipment includes safety showers, eye washes, and proper fire extinguishing media.

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IX. STORAGE AND HANDLING:
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Train all employees on all special handling procedures in this section before they work with this product. Exercise reasonable care and caution. Personnel should avoid breathing vapors and/or mists and getting product in the eyes or on the skin. DO NOT CONSUME food, drink, or tobacco in areas where they may become contaminated with this material. Keep containers cool, dry, and away from sources of ignition. DO NOT STORE product in direct sunlight, high temperature, or below freezing areas. Keep product container tightly closed when not in use. Protect containers from physical damage. Use and store with adequate ventilation. DO NOT cut, grind, weld or drill on or near this container. Ground all equipment. Wash thoroughly after using.

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X. DOT INFORMATION

NON-REGULATED BY CFR 49 172.101

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XI. OTHER SAFETY AND REGULATORY INFORMATION

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HMIS CODES

1	HMIS HEALTH	1	HMIS FLAMMABILITY
0	REACTIVITY	B	HMIS PERSONAL PROTECTION

SARA TITLE III, SECT 302-304:
THRESHOLD PLANNING QUANTITY (TPQ) None
REPORTABLE QUANTITY (RQ): None

SARA TITLE III, SECTION 311-12: None

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XII. NAME OF PREPARER-DATE FIRST PREPARED-DATE REVISED

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NAME OF PREPARER:	MICHAEL CHANG
DATE PREPARED	October 19, 1995
REVISED DATE	

None Abbreviations: NA:Not Applicable; ND:Not Determined.
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